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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/052,386
Filing Date	January 18, 2002
First Named Inventor	SAKSENA, et al
Group Art Unit	1653
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	IN01159K1

Total Number of Pages in This Submission 118

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Filing <input type="checkbox"/> Affidavits/declarations(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) Corrected Filing Receipt Executed Declarations Notice to File Missing Parts Copy of Notice to File Missing Parts Return Post Card
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT, K-6-1-1990 PALAIYUR S. KALYANARAMAN REG. NO. 34634	
Signature		
Date	May 8, 2002	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: May 8, 2002

Typed or printed name	PALAIYUR S. KALYANARAMAN		
Signature		Date	May 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2002**

MAY 20 2002

Patent fees are subject to annual revision.

AMOUNT OF PAYMENT (\$) 130.00

Complete if Known

Application Number	10/052,386
Filing Date	January 18, 2002
First Named Inventor	SAKSENA, et al
Examiner Name	TO BE ASSIGNED
Group Art Unit	1653
Attorney Docket No.	IN01159K1

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number **19-0365**
- Deposit Account Name **Schering-Plough Corporation**
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	208	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	\$130.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	260	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3) (\$)					130.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) **PALAIYUR S. KALYANARAMAN**

Signature *[Signature]*

Registration No. (Attorney/Agent)

34634

Complete (if applicable)

Telephone (908)298-5068

Date May 8, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PATENT IN01159K1

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Saksena *et al*) Examiner: To Be Assigned
Application No.: 10/052,386) Group Art Unit: 1653
Filed: January 18, 2002)
For:)
NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS

Assistant Commissioner For Patents

Attention: Customer Service Center- Initial Patent Examination Division
Washington, D.C. 20231

MISSING PARTS AND CORRECTION OF FILING RECEIPT

Sir:

The subject non-provisional patent application, Serial No. 10/052,386 was filed on January 18, 2002. At the time of filing, the signed Declaration/Power of Attorney from the inventors was missing. Applicants are now filing the Declaration and Power of Attorney signed by the inventors. A copy of the "Notice to File Missing Parts of Non-Provisional Application" is attached. The Office is authorized to charge the \$ 130.00 fee to Account Number 19-0365.

Furthermore, the Filing Receipt received in this case needs to be corrected for the following mistake:

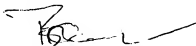
The last name of inventor Lim-Wilby should be corrected. (The "w" of "wilby" should be capitalized.) A copy of the filing receipt with the correction marked thereon is attached.

Please send us a corrected filing receipt.

If there are any questions, the Office is invited to contact the undersigned.

May 8, 2002
Schering-Plough Corporation
2000 Galloping Hill Road
Patent Department, K-6-1,1990
Kenilworth, NJ 07033
Tel: (908) 298-5068
Fax: (908) 298-5388

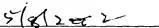
Respectfully submitted,



Dr. Palaiyur S. Kalyanaraman
Attorney for Applicants
Reg. No. 34,634

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on May 8, 2002.

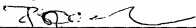
Date of Deposit



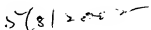
PALAIYUR S. KALYANARAMAN

Registered Representative

Signature



Date of Signature



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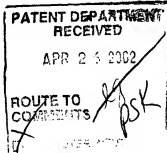
UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 20 2002

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/052,386	01/18/2002	Anil K. Saksena	IN01159K1

24265
SCHERING-PLOUGH CORPORATION
PATENT DEPARTMENT (K-6-1, 1990)
2000 GALLOPING HILL ROAD
KENILWORTH, NJ 07033-0530



CONFIRMATION NO. 5995

FORMALITIES LETTER



OC000000007922848

Date Mailed: 04/22/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

A copy of this notice MUST be returned with the reply.

Advanced

05/22/2002 160601 00000096 190365 10052386
01 FC:105 130.00 CH

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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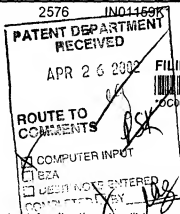
Page 1 of 3

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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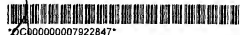
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/052,386	01/18/2002	1653	2576	IN04469K		66	15

24265
SCHERING-PLOUGH CORPORATION
PATENT DEPARTMENT (K-6-1, 1990)
2000 GALLOPING HILL ROAD
KENILWORTH, NJ 07033-0530



CONFIRMATION NO. 5995

FILING RECEIPT



Date Mailed: 04/22/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

- Anil K. Saksena, Upper Montclair, NJ;
- Viyyoor Moopil Girijavallabhan, Parsippany, NJ;
- Raymond G. Lovey, West Caldwell, NJ;
- Edwin Jao, Warren, NJ;
- Frank Bennett, Piscataway, NJ;
- Jinping L. Mc Cormick, Edison, NJ;
- Haiyan Wang, Cranbury, NJ;
- Russell E. Pike, Stanhope, NJ;
- Stephane L. Bogen, Somerset, NJ;
- Tin-Yau Chan, Edison, NJ;
- Yi-Tsung Liu, Morris Township, NJ;
- Zhaoning Zhu, East Windsor, NJ;
- F. George Njoroge, Warren, NJ;
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- Ashit K. Ganguly, Upper Montclair, NJ;
- Kevin X. Chen, Iselin, NJ;
- Srikanth Venkatraman, Woodbridge, NJ;
- Henry A. Vaccaro, South Plainfield, NJ;
- Patrick A. Pinto, Morris Plains, NJ;
- Bama Santhanam, Bridgewater, NJ;
- Scott Jeffrey Kemp, San Diego, CA;
- Odile Esther Levy, San Diego, CA;
- Marguerita Lim-Wilby, La Jolla, CA;
- Susan Y. Tamura, Santa Fe, NM;
- Wanli Wu, Edison, NJ;
- Siska Hendrata, Edison, NJ;
- Yuhua Huang, Scotch Plains, NJ;

*Missing Parts
Due: June 22, 2002
(Declaration)*

Lim-Wilby

✓ Jesse K. Wong, Monroe Township, NJ; ✓
✓ Latha G. Nair, Scotch Plains, NJ; ✓

Assignment For Published Patent Application

Schering Corporation Corvas International, Ltd.;

Domestic Priority data as claimed by applicant ✓

THIS APPLICATION IS A CIP OF 09/908,955 07/19/2001

Foreign Applications

If Required, Foreign Filing License Granted 04/05/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Novel peptides as NS3-serine protease inhibitors of hepatitis C virus ✓

Preliminary Class

514

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

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